CLAIMS

1. A service browser process for controlling navigation events between a plurality of services and/or channels of a digital interactive Radio-Broadcasting system (1) including at least one digital Interactive decoder (2), said system broadcasting applications to be received by said decoder, wherein the process proposes said services to a user of said Decoder and enables the navigation to other services or channels through control means (15) activated by said user, characterised in that the applications being categorised into at least two types of applications including a first type termed Surfer application designed for controlling said navigation and having knowledge of said services, the process comprises the steps of :

(i) identifying (21) Surfer applications from other types of applications,

(ii) selecting (33) a particular Surfer application,

(iii) downloading (27, 35) such selected Surfer application within a dedicated part (22) of the Decoder memory (20), called Surfer Cache, and

(iv) executing (36) said selected Surfer application from said Surfer Cache, whereby the Decoder is under control of said Surfer application.

2. A process according to claim 1, characterised in that the decoder comprising a built-in application

(23) for presenting the services, termed the built-in
Banner, once a Surfer application is stored (27, 35)
within said Surfer Cache, for any navigation event,
the process comprises the steps of :

5   - checking (29, 30) if said navigation event has
to be forwarded to the built-in Banner or to the
Surfer application, and

         - in case the decoder is controlled by said
Surfer application, routing (31, 32) said navigation

10   event to the Surfer application while the built-in
Banner is disabled.

         3. A process according to any one of the
preceding claims, characterised in that the Surfer
application is stopped when an application different

15   from a Surfer application, termed normal application,
is displayed, and is re-launched from its Surfer
Cache when said normal application is finished.

         4. A process according to any one of claims 1 to
3, characterised in that a plurality of Surfer

20   applications being possible, it comprises the step
of :

         - presenting (42) an interface using a list of
Surfers that allows the user to select one particular
Surfer application among said list and to come back

25   to said list after selection, if wanted.

         5. A process, according to any one of the
preceding claims, characterised in that it is
implemented in a DVB environment, the Surfer

applications being signalled in Bouquet Association
Tables (BAT).

6. A process according to any one of the
preceding claims, characterised in that it further
5   includes the downloading of a plurality of Surfer
applications within corresponding Surfer Caches, and
the selection of one of said Surfer application.

7. A process according to any one of the
preceding claims, characterised in that the Surfer
10   application has a visible and a transparent mode of
running.

8. A digital Interactive Radio-Broadcasting
system (1) for controlling navigation events between
a plurality of services and/or channels, including at
15   least one digital interactive decoder (2), said
system broadcasting applications to be received by
said decoder, wherein the system proposes said
services to a user of said decoder and enables the
navigation to other services or channels through
20   control means activated by said user, characterised
in that the applications being categorised into at
least two types of applications including a first
type termed Surfer application designed for
controlling said navigation and having knowledge of
25   said services,
the decoder comprises:

(i) identifying means (21) for identifying
Surfer applications from other types of applications,

(ii) selecting means (33) for selecting a particular Surfer application,

(iii) downloading means (27, 35) for downloading such selected Surfer application within a dedicated

5 part of the decoder memory, called Surfer Cache (22), and

(iv) calculating means (6) for executing said selected Surfer application from said Surfer Cache, whereby the decoder is under control of said Surfer

10 application.

9. A system according to claim 8, characterised in that the decoder comprising a built-in application for presenting the services, termed the built-in Banner (23), once a Surfer application is stored

15 within said Surfer Cache, for any navigation event, the system comprises :

- checking means (29, 30) for checking if said navigation event has to be forwarded to the built-in Banner or to the Surfer application,

20 - routing means (31, 32) arranged for routing said navigation event to the Surfer application in case the decoder is controlled by said Surfer application, and

- disabling means (31, 32) for disabling

25 simultaneously the built-in Banner.

10. A system according to any one of claims 8 to 9, characterised in that it comprises stopping means for stopping the Surfer application when an application different from a Surfer application,

termed normal application, is displayed, and re-launching means for re-launching said Surfer application from the Surfer Cache when said normal application is finished.

5   11. A system according to any one of claims 8 to 10, characterised in that a plurality of Surfer applications being possible, it comprises means (41) for presenting an interface using a list of services that allows the user to select one particular Surfer

10   application among said list and to come back to said list after selection, if wanted.

12. A system according to any one of claims 8 to 11, characterised in that the memory (20) of the decoder (2) comprises a plurality of Surfer Caches

15   for storing corresponding different Surfer applications.

13. A system according to any one of claims 8 to 12, characterised in that it is implemented in a DVB environment, the Surfer applications being signalled

20   in Bouquet Association Tables (BAT).